

**EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Zhuo Xu, Registration No. 62,987 on 12/14/2010.

This application has been amended as follow:

**In Claims**

In claim 18 lines 15 and 29, claim 23 line 8, claim 24 line 8, claim 26 line 18, the phrase "a user" has been deleted and the phrase "the user" inserted therefor.

In claim 18 line 20, the phrase "registration" has been deleted and the phrase "the registration" inserted therefor.

In claim 18 lines 20 and 26, the phrase "a route service device" has been deleted and the phrase "the route service device" inserted therefor.

In claim 18 line 25, the phrase "a soft switch control device" has been deleted and the phrase "the soft switch control device" inserted therefor.

In claim 18 line 33, claim 23 line 11, the phrase "an inquiry" has been deleted and the phrase "the inquiry" inserted therefor.

In claim 18 line 26, claim 33 line 7, the phrase "father node" has been deleted and the phrase "the father node" inserted therefor.

In claim 19 lines 3 and 7, the phrase "user" has been deleted and the phrase "the user" inserted therefor.

In claim 20 line 1, claim 23 line 1, claim 24 line 1, the phrase "said operation types" has been deleted and the phrase "operation type" inserted therefor.

In claim 22 line 1-2, claim 28 line 3, the phrase "a route information" has been deleted and the phrase "the route information" inserted therefor.

In claim 24 lines 6, 13 and 14-15, the phrase "the highest layer" has been deleted and the phrase "a highest layer" inserted therefor.

In claim 24 lines 13 and 16, claim 31 line 2, the phrase "a local node" has been deleted and the phrase "the local node" inserted therefor.

In claim 24 line 14, the phrase "a looking up result" has been deleted and the phrase "the looking up result" inserted therefor.

In claim 25 line 9, the phrase "the lowest layer" has been deleted and the phrase "a lower layer" inserted therefor.

In claim 25 line 18, the phrase "the inquiry request" has been deleted and the phrase "an inquiry request" inserted therefor.

In claim 28 line 9, the phrase "the operation type" has been deleted and the phrase "an operation type" inserted therefor.

In claim 28 line 13, claim 32 line 9, claim 33 line 14, the phrase "the user node" has been deleted and the phrase "a user node" inserted therefor.

In claim 30 line 10, the phrase "the user route" has been deleted and the phrase "a user route" inserted therefor.

In claim 33 line 19, the phrase "a next jump inquiry node" has been deleted and the phrase "the next jump inquiry node" inserted therefor.

***Conclusion***

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to NOURALI MANSOURY whose telephone number is (571)270-5671. The examiner can normally be reached on Monday-Thursday, 12:00-4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dang Ton can be reached on 571-272-3171. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Man Phan/  
Primary Examiner, Art Unit 2475

NOURALI MANSOURY  
Examiner  
Art Unit 2475